



U.S. Department
of Transportation

Research and
Special Programs
Administration

DEC 7 1999

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 11596
(SECOND REVISION)

EXPIRATION DATE: November 30, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Matheson Tri-Gas
(Formerly: Matheson Gas Products)
East Rutherford, New Jersey
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain non-DOT specification pressure vessels (receptacles) without pressure relief devices, which have been approved by the German Competent Authority and are similar in design to a multi-unit tank car tank, containing hydrogen sulfide for export only. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.314(c) in that the prescribed receptacle is not listed as an authorized packaging, § 178.314(c) Table Note 8.
5. BASIS: This exemption is based on the application of Matheson Tri-Gas dated October 7, 1999, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Hydrogen sulfide, liquefied	2.3	UN1053	N/A

7. PACKAGING AND SAFETY CONTROL MEASURES:

- a. PACKAGING - Packagings prescribed are non-DOT specification welded steel receptacles, manufactured in Germany by Thyssen Industrie GmbH, which have been approved by the German Competent Authority for use under the provisions of the International Maritime Organization's IMDG Code. The date of manufacture must be no earlier than 1973. Receptacles have a maximum water capacity of 900 liters and a maximum allowable working pressure of 36.7 bar. Receptacles are not equipped with pressure relief devices.
- b. SAFETY CONTROL MEASURES -
 - 1. Prescribed receptacles must be transported in shipping containers.
 - 2. Maximum filling density must be 68 percent.
 - 3. Emergency response information provided with the shipment and available via an emergency response telephone number must indicate that the receptacles are not fitted with pressure relief devices and provide appropriate guidance in case receptacles are exposed to fire.
- c. TESTING - Before each filling, the receptacles must be subjected to the following tests and inspections:
 - 1. Visual inspection in accordance with CGA Pamphlet C-6;
 - 2. Pressure test to at least 300 psig; and
 - 3. Inspection of the threaded outlets for leaks.
- d. OPERATIONAL CONTROLS -
 - 1. This exemption authorizes the transportation of hydrogen sulfide in the prescribed receptacles from the Matheson facility in New Johnsonville, Tennessee to the port at Savannah, Georgia or at Norfolk, Virginia for export only.
 - 2. Receptacles must be in exclusive hydrogen sulfide service.

8. SPECIAL PROVISIONS:

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

c. MARKING - Receptacles must be marked "DOT-E 11596" on each side in letters at least one inch high.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel.10. MODAL REQUIREMENTS:

A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

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12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

12/7/99
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W. Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

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